Author Index

Volume 24, July-December 1994

Abbott RE, 506
Abdel-Rahman AA, 802
Abe I, 648
Abe K, 758
Adler-Graschinsky E, 457
Admiraal PJJ, 37, 817
Alderman MH, 368
Alexander RW, 523
Ali S, 706
Allan DR, 516
Alpert BS, 747
Ancil AK, 512
Ando K, 189
Antony I, 212
Anwar A, 679
Aptecar E, 212
Aroney CN, 271
August P, 234
Aynedjian HS, 322

Bachetti T, 620
Bakarich MA, 77
Bang LE, 101
Bank N, 322
Barany F, 260
Baskin JS, 699
Basu AK, 480
Battistelli M, 793
Bauer K, 339
Beach RE, 595
Becker JA, 747
Bednarik JA, 49
Bergamaschi E, 763
Berk BC, 734
Bernardi L, 556
Bernaud C, 297
Bettoni G, 131
Bhanot S, 625
Bidani AK, 309
Bing OHL, 347
Blank SG, 234
Bobik A, 8
Böhm M, 653
Bongrazio M, 620
Bonnardeaux A, 63
Borghetti A, 763
Borgioni C, 793
Boucher CA, 271
Bovet P, 786
Breu V, 163
Brody MJ, 91
Brooks WW, 347
Brown WB, 512
Buchmann S, 163
Buckworth J, 576
Burnand B, 786
Buzio C, 763

Caflisch CR, 595
Çağlar, 816
Calhoun DA, 1
Cambien F, 63
Canivet E, 297
Cao L, 329
Cao W-H, 83
Carmassi F, 24
Carruthers SG, 241
Castellano M, 131, 653
Catapano G, 24
Catelli de Carvalho MH, 728
Cervenka JH, 752
Chanard J, 297
Charru A, 63
Chatani F, 195
Cheav SL, 30
Chen Y-DI, 695
Christensen KL, 301
Cicutti N, 205
Ciucci A, 793
Clauser E, 63
Clinkingbeard C, 695
Clozel J-P, 163
Coats A, 816
Coletti CM, 516
Comini L, 620
Conrad CH, 347
Cooper R, 591
Corvol P, 63, 531, 538
Creager MA, 499
Cureton KJ, 576

Dansen AHJ, 817
Danser AHJ, 37
Davies E, 63
Davis MG, 706
de Faire U, 605, 663
Dec GW, 271
Delafontaine P, 679
DeLano FA, 719
Delcayre C, 30
Dell'Omo G, 24
Denver AE, 362
Derkx FHM, 37, 817
DeRoux N, 734
Di Bello V, 24
Di Muro C, 24
Dilley RJ, 8
Dishman RK, 576
Ditting T, 564
Doris PA, 640
Dorn GW II, 706
Dulawa J, 486

Effiong E, 591
Enero MA, 457
Erdmann E, 653
Erikssen G, 56
Erikssen J, 56
Ernsberger P, 699
Eto T, 600

Falloon BJ, 16
Fernández-Alfonso MS, 280
Ferrari R, 620
Féry I, 63
Fifer MA, 271
Finardi G, 556
Fischli W, 163
Foley M, 699
Forrest MJ, 719
Fortes ZB, 728
Foster C, 362
Franek E, 486
Fraser R, 512
Frohlich ED, 529
Fujisawa A, 816
Fujishima M, 648
Fujita K, 227
Fujita T, 83, 189
Fukiyama K, 445
Fukuo K, 97
Furspan PB, 739

Gaia G, 620
Ganten D, 280, 653
Gardner DG, 329
Gasc J-M, 531
Gatteschi C, 793
Geiger H, 564
Ghosh S, 480
Giampietro O, 24
Gironacci MM, 457
Giusti C, 24
Gong G, 368
Goto A, 770
Greenberg B, 538
Greenfield MS, 695
Grettve M-L, 786
Griendling KK, 523
Griffin KA, 309
Guerrieri M, 793
Gurich RW, 595

Hamaguchi A, 195
Hamann M, 157
Hamilton B, 641
Hamlyn JM, 641
Hamsten A, 605
Hansen J, 439
Hansen O, 640
Harrap SB, 369
Harshfield GA, 747
Haznedaroğlu I, 816
Heagerty AM, 16
Heller DA, 663
Helseth G, 234
Henderson IW, 512
Henrion D, 317, 474
Herrera VLM, 260
Herrmann HC, 271
Hilgers KF, 564
Hirawa N, 770
Hirayama K, 260
Hisaki K, 227
Hjemdahl P, 287
Ho W-Y, 714
Høegholm A, 101
Hollenbeck CB, 695
Hollenberg NK, 516
Holloway CD, 512
Holm J, 101
Holmer S, 157
Hong Y, 663
Hotton J-M, 297
Hou X, 70
Huang B, 779
Huang H, 538
Huff MW, 241
Hungerbuhler P, 786
Huysmans FTM, 633

Iaccarino G, 429
Ichikawa M, 220, 808
Ikeda T, 770
Imaizumi T, 461
Imholz BPM, 120
Inada Y, 195, 445
Ingram MC, 512
Ishimitsu T, 600
Ishimura Y, 195
Iwao H, 195

Jacobsen TN, 439
Janiak P, 671
Jeppesen J, 695
Jern S, 686
Jeunemaitre X, 63
Jimbo M, 220, 808

Kaaja RJ, 549
Kahan T, 287
Kai H, 523
Kaik B, 339
Kaik G, 339
Kanellakis P, 8
Kangawa K, 600
Karemaker JM, 120
Karpe F, 605
Katori M, 111
Kawabata Y, 770
Kazda S, 205
Kenyon CJ, 512
Kes S, 816
Khan GA, 322
Khan IM, 611
Kifor I, 516
Kim S, 195
Kimber P, 301
Kita S, 227
Kitamura K, 600
Kitano S, 97
Kizuki K, 770
Kjeldsen SE, 56
Klaus T, 357
Kline RL, 467
Koelsch DW, 747
Koene RAP, 633
Kokot F, 486
Kokot M, 486
Koletsky RJ, 699
Korhonen I, 141
Korsgaard N, 301
Kotchen TA, 106
Kreutz R, 251, 280
Kristensen KS, 101
Kuan C-J, 714
Kumada M, 83
Kumagai H, 808
Kumagai K, 220, 451, 808
Kuneš J, 645
Kuramoto K, 816
Kuribayashi Y, 111
Kurtz A, 157
Kuwajima I, 816

Kuwaki T, 83

Labarthe DR, 779
Ladipo M, 591
Lamers JMJ, 37
Lamers JMS, 817
Laredo J, 641
Larivière R, 183
Larson MG, 585
Lassègue B, 523
Laukemper S, 357
Lavaud S, 297
Leikauf GD, 706
Lembo G, 429
Lemne C, 605
Leonard M, 564
Lerebours G, 212
Leuzzi S, 556
Levy BI, 317, 474
Levy D, 585
Lewis JG, 549
Lewis JL, 255, 491
Lewis LK, 549
Li JS, 183
Libert O, 671
Lighthall G, 641
Lin H-C, 714
Lindpaintner K, 251
Lindqvist M, 287
Litwin SE, 347
Liu F, 467
Liu Y, 280
Llorens-Cortes C, 538
Lombardi F, 140
Lopez-Gomez J, 779
Lu Z, 641
Lucchesi PA, 734
Luft FC, 564

MacLellan DG, 369
Madhavan S, 368
Maeda H, 461
Maheux P, 695
Majahalme S, 141
Majima M, 111
Malliani A, 140
Mann JFE, 564
Manunta P, 641
Marchesi E, 556
Martin A-S, 176
Mathews S, 163
Matsumura Y, 227
Matsuo H, 600
Matsuoka H, 600
May CN, 49
McCabe RD, 77
McCarron DA, 176
McClearn GE, 663
McGinley JR, 254
McKnight JA, 516
McNeill JH, 625
Melcher A, 287
Melillo E, 24
Miura K, 195
Miyasaka M, 719
Mizogami S, 111
Mohamed-Ali V, 362
Mohanty PK, 480
Moll M, 653
Morgan JP, 347
Morimoto S, 97, 227
Morrison L, 591
Mouas C, 30
Mouri T, 758
Muiesan ML, 131
Mulrow PJ, 528
Mulvany MJ, 301
Mundal R, 56
Murakami M, 220
Murakami O, 758
Muratani H, 445
Mutti A, 763

Nagata H, 461
Nakajima M, 97
Nakano H, 461
Newman C, 241
Nicholls MG, 549
Nielsen JW, 101
Nigro D, 728
Nilsson-Ehle P, 605
Nishikimi T, 600
Nishizawa M, 808
Nitenberg A, 212
Nørrelund H, 301
Nowicki M, 486

Oddie CJ, 8
Ogihara T, 97
Oh-ishi S, 111
Ohshima N, 770
Ohta K, 195
Oka K, 770
Ollerenshaw JD, 523
Omae T, 600
Omata M, 770
Omura T, 195
Onishi T, 97
Ono A, 83
Oparil S, 1
Osotemihen B, 591
Oyejide C, 591

Pagani M, 140
Parmer RJ, 752
Paul M, 280, 653
Pedersen N, 663
Pedrinelli R, 24
Pedrotti L, 556
Peña C, 457
Perazzoli F, 763
Pettinger WA, 368
Peuler JD, 170
Pickering TG, 234
Pidgeon GB, 549
Pinkney JH, 362
Plott W, 309
Porcellati C, 793
Porteri E, 131
Post WS, 585
Printz MP, 611
Pulliam DA, 747

Qiu HY, 317, 474
Quilindo J, 786

Rabkin SW, 241
Radaelli A, 556
Rakusan K, 205
Ram JL, 170
Reaven GM, 695
Reboldi G, 793
Reddy SR, 106
Regolisti G, 763
Reid IA, 451
Rendina V, 429
Richards AM, 549
Richey PA, 747
Riegger G, 157
Rizzoni D, 131
Robert V, 30
Roddy M-A, 499
Rodriguez BL, 779
Rosei EA, 131
Rotimi C, 591
Roullet CM, 176
Roullet J-B, 176
Ruiz-Opazo N, 260
Runge MS, 523
Russell RJ, 255
Ryuzaki M, 220, 808

Safar M, 368
Saito T, 758
Saito Y, 600
Sakai K, 461
Salvucci F, 556
Samani NJ, 301
Sampson MJ, 362
Sandvik L, 56
Sannomiya P, 728
Santucci A, 793
Santucci C, 793
Saruta T, 220, 808
Sasano H, 758
Satoh F, 758
Saxena PR, 37, 817
Schachter D, 506
Schalekamp MADH, 37, 817
Schiffrin EL, 183
Schillaci G, 793
Schmid B, 653
Schmid-Schönbein GW, 719
Schork NJ, 145
Schricker K, 157
Schwartz MM, 309
Scivoletto R, 728
Semigran MJ, 271
Sesoko S, 445
Shanmugam S, 531
Sheu WH-H, 695
Shimada K-e, 600
Sibony M, 531
Sim D, 241
Sleight P, 556
Sone M, 758
Soubrier F, 63
Sowers JR, 170
Srivastava K, 77
Stadler H, 163
Standley PR, 170
Stone RA, 752
Suematsu M, 719
Suzuki H, 220, 719, 808
Suzuki T, 770
Suzuki Y, 816
Swynghedauw B, 30
Szocik JF, 739

Takahashi K, 758
Takalo R, 141
Takamiya M, 600
Takamoto S, 97
Takaoka M, 227
Takeshita A, 461
Takishita S, 445
Talarico L, 24
Taylor P, 611
Tepel M, 357
Teruya H, 445
Thaulow E, 56
Thiem NV, 30
Tiret L, 63
Tokgözoğlu L, 816
Totsune K, 758
Toupance O, 297
Toyo-oka T, 770
Tozawa M, 445
Trimarco B, 429
Tseng C-J, 714
Tsuchihashi T, 648
Tsukimori K, 461
Tung C-S, 714
Turek Z, 205
Turjanmaa V, 141

Uehara Y, 770
Uusitalo A, 141

Valle F, 556
van Hamersvelt HW, 633
van Kats JP, 37, 817
van Montfrans GA, 120
Varner KJ, 91
Vasquez EC, 91
Veelken R, 564
Veerman DP, 120
Verdecchia P, 793
Verdouw PD, 37, 817
Vicaut E, 70
Victor RG, 439
Vieira E, 163
Vilaine J-P, 671
Volpe M, 429

Wada T, 195
Waeber B, 786
Wang B-Z, 369
Wang W, 571
Ward R, 591
Warnock DG, 255, 491
Watlington CO, 480
Weder AB, 145
West JE, 234
Wetzels JFM, 633
Wiecek A, 486
Wieling W, 120
Wilde DW, 739
Wostl W, 163
Wyss JM, 1

Yaksh TL, 611
Yandle TG, 549
Young DB, 77
Yudkin JS, 362
Yukimura T, 195

Zampi I, 793
Zeh K, 280
Zhang F, 170
Zhang HY, 106
Zhu S, 1
Zicha J, 645
Zidek W, 357
Zlock DW, 329
Zweifach BW, 719

Subject Index

Volume 24, July-December 1994

3

3q22
Angiotensin II Type 1 Receptor Gene Polymorphisms in Human Essential Hypertension, 63

A

Acetylcholine
Delayed Development of Hypertension After Short-term Nitrendipine Treatment, 131
In Vitro Perfusion Studies of Human Resistance Artery Function in Essential Hypertension, 16

Adenosine
Modulatory Effects of Endogenous Adenosine on Epinephrine Secretion From the Adrenal Medulla of the Rat, 714

Adenyl cyclase
β-Adrenergic Neuroeffector Mechanisms in Cardiac Hypertrophy of Renin Transgenic Rats, 653

Adrenal cortex hormones
Converting Enzyme Inhibition and Renal Tissue Angiotensin II in the Rat, 516

Adrenal gland hyperfunction
Converting Enzyme Inhibition and Renal Tissue Angiotensin II in the Rat, 516

Adrenal glands
Clinical Studies on the Sites of Production and Clearance of Circulating Adrenomedullin in Human Subjects, 600
Tissue-Specific Expression of Type 1 Angiotensin II Receptor Subtypes: An In Situ Hybridization Study, 531

Adrenal medulla
Clinical Studies on the Sites of Production and Clearance of Circulating Adrenomedullin in Human Subjects, 600
Modulatory Effects of Endogenous Adenosine on Epinephrine Secretion From the Adrenal Medulla of the Rat, 714

Adrenocorticotropic hormone
Differential Regional Hemodynamic Effects of Corticotropin in Conscious Sheep, 49

Aging
Effects of Aging on Blood Pressure Variability in Resting Conditions, 120
Endothelin-1 in Cerebrospinal Fluid in Elderly Patients With Hypertension and Dementia, 97
Genetic and Environmental Influences on Blood Pressure in Elderly Twins, 663
Hypertension, Aging, and Myocardial Synthesis of Heat-Shock Protein 72, 620

Albumins
Renal Effects of Nifedipine and Captopril in Patients With Essential Hypertension and Reduced Renal Reserve, 763

Albuminuria
Forearm Blood Flow Reserve and Cardiac and Renal Indexes of Pressure Load in Normotensive and Hypertensive Individuals, 24
Microalbuminuria in 411 Untreated Individuals With Established Hypertension, White Coat Hypertension, and Normotension, 101

Albuterol
Osmotic Release Oral Drug Delivery System of Metoprolol in Hypertensive Asthmatic Patients: Pharmacodynamic Effects on β_2-Adrenergic Receptors, 339

Alcohol
Alcohol Abolishes the Hypotensive Effect of Clonidine in Spontaneously Hypertensive Rats, 802
Rise of Blood Pressure With Age: New Evidence of Population Differences, 779

Aldosterone
Chronic Administration of Aldosterone Depresses Baroreceptor Reflex Function in the Dog, 571
Converting Enzyme Inhibition and Renal Tissue Angiotensin II in the Rat, 516
Increased Cardiac Types I and III Collagen mRNAs in Aldosterone-Salt Hypertension, 30
Metoclopramide Stimulates Kaliuresis During Felodipine Without Affecting Its Natriuresis, 633

Amiloride
Renal Apical Membrane Sodium-Hydrogen Exchange in Genetic Salt-Sensitive Hypertension, 491

Amlodipine
Antihypertensive Effect of Amlodipine and Lack of Interference With Cyclosporine Metabolism in Renal Transplant Recipients, 297

Angioplasty
Role of the Renin-Angiotensin System in Neointima Formation After Injury in Rabbits, 671

Angiotensin converting enzyme
Ciprokiren (Ro 44-9375): A Renin Inhibitor With Increasing Effects on Chronic Treatment, 163

Angiotensin-converting enzyme inhibitors
Effect of Captopril and Enalapril on Endothelial Function in Hypertensive Patients, 499
Endogenous Angiotensin II Enhances Phenylephrine-Induced Tone in Hypertensive Rats, 317
Local Renin-Angiotensin System in the Microcirculation of Spontaneously Hypertensive Rats, 70
Long-term Infusion of Kallikrein Attenuates Renal Injury in Dahl Salt-Sensitive Rats, 770
Renal Effects of Nifedipine and Captopril in Patients With Essential Hypertension and Reduced Renal Reserve, 763
Role of the Renin-Angiotensin System in Neointima Formation After Injury in Rabbits, 671

Angiotensin II
Angiotensin II Exerts Differential Actions on Renal Nerve Activity and Heart Rate, 451
Angiotensin II Type 1 Receptor Gene Polymorphisms in Human Essential Hypertension, 63
Ciprokiren (Ro 44-9375): A Renin Inhibitor With Increasing Effects on Chronic Treatment, 163
Effects of Angiotensin II and Angiotensin-(1-7) on the Release of [^{3}H]Norepinephrine From Rat Atria, 457
Endogenous Angiotensin II Enhances Phenylephrine-Induced Tone in Hypertensive Rats, 317
Evidence of Abnormalities in Corticosteroid Secretion Leading to Volume-Dependent Hypertension in Milan Rats, 512
Hypertension Induced by a Nonpressor Dose of Angiotensin II in Kininogen-Deficient Rats, 111
Interrelation Between Renin mRNA Levels, Renin Secretion, and Blood Pressure in Two-Kidney, One Clip Rats, 157
Modification of Pressure Natriuresis by Long-term Losartan in Spontaneously Hypertensive Rats, 467
Role of the Renin-Angiotensin System in Neointima Formation After Injury in Rabbits, 671
Short-term Effects of Angiotensin II Blockade on Renal Blood Flow and Sympathetic Activity in Awake Rats, 445
Tissue-Specific Expression of Type 1 Angiotensin II Receptor Subtypes: An In Situ Hybridization Study, 531
Tissular Expression and Regulation of Type 1 Angiotensin II Receptor Subtypes by Quantitative Reverse Transcriptase–Polymerase Chain Reaction Analysis, 538

Angiotensin I–converting enzyme
Differential Regulation of Vascular Angiotensin I–Converting Enzyme in Hypertension, 280

Angiotensinogen
Angiotensinogen Gene in Human Hypertension: Lack of an Association of the 235T Allele Among African Americans, 591
Cardiac Renin and Angiotensins: Uptake From Plasma Versus In Situ Synthesis, 37

Angiotensins
Cardiac Renin and Angiotensins: Uptake From Plasma Versus In Situ Synthesis, 37
Effects of Angiotensin II and Angiotensin-(1-7) on the Release of [^{3}H]Norepinephrine From Rat Atria, 457
Local Renin-Angiotensin System in the Microcirculation of Spontaneously Hypertensive Rats, 70

Animals, transgenic
Reduced Sodium-Proton Exchange Activity in Lymphocytes From Transgenic Rats, 357

Antihypertensive therapy
Alcohol Abolishes the Hypotensive Effect of Clonidine in Spontaneously Hypertensive Rats, 802
Antihypertensive Effect of Amlodipine and Lack of Interference With Cyclosporine Metabolism in Renal Transplant Recipients, 297
Lipids and Lipoproteins During Antihypertensive Drug Therapy: Comparison of Doxazosin and Atenolol in a Randomized, Double-Blind Trial: The Alpha Beta Canada Study, 241

Apolipoprotein E phenotype
Lipids and Lipoproteins During Antihypertensive Drug Therapy: Comparison of Doxazosin and Atenolol in a Randomized, Double-Blind Trial: The Alpha Beta Canada Study, 241

Apolipoproteins
Lipids and Lipoproteins During Antihypertensive Drug Therapy: Comparison of Doxazosin and Atenolol in a Randomized, Double-Blind Trial: The Alpha Beta Canada Study, 241

Arginine
Is Nitric Oxide Involved in the Tonic Inhibition of Central Sympathetic Outflow in Humans? 439
Nitric Oxide Increases Renal Blood Flow by Interacting With the Sympathetic Nervous System, 220

Arteries
Early Narrowed Afferent Arteriole Is a Contributor to the Development of Hypertension, 301

Aspartic acid
Lesions in Rostral Ventromedial or Rostral Ventrolateral Medulla Block Neurogenic Hypertension, 91

Asthma
Osmotic Release Oral Drug Delivery System of Metoprolol in Hypertensive Asthmatic Patients: Pharmacodynamic Effects on β_2-Adrenergic Receptors, 339

Atenolol
Effects of Antihypertensive Agents on Baroreceptor Function in Early Hypertensive Rats, 808
Lipids and Lipoproteins During Antihypertensive Drug Therapy: Comparison of Doxazosin and Atenolol in a Randomized, Double-Blind Trial: The Alpha Beta Canada Study, 241

Atrial natriuretic peptide
Differential Regional Hemodynamic Effects of Corticotropin in Conscious Sheep, 49
Effects of Atrial Natriuretic Peptide on Left Ventricular Function in Hypertension, 271
Increased Cardiac Types I and III Collagen mRNAs in Aldosterone-Salt Hypertension, 30

Auscultation
How Should Diastolic Blood Pressure Be Defined During Pregnancy? 234

Autonomic nervous system
Autonomic Responses of Women With Parental Hypertension: Effects of Physical Activity and Fitness, 576
Cardiovascular Autonomic Modulation in Essential Hypertension: Effect of Tilting, 556
Effects of Aging on Blood Pressure Variability in Resting Conditions, 120

B

Baroreceptors
Effects of Antihypertensive Agents on Baroreceptor Function in Early Hypertensive Rats, 808

Blacks
Angiotensinogen Gene in Human Hypertension: Lack of an Association of the 235T Allele Among African Americans, 591

Blood flow
Effect of Captopril and Enalapril on Endothelial Function in Hypertensive Patients, 499
Effects of Insulin on Vascular Responses to Mental Stress and Norepinephrine in Human Forearm, 686
Modification of Pressure Natriuresis by Long-term Losartan in Spontaneously Hypertensive Rats, 467

Blood pressure
Adaptation, Allometry, and Hypertension, 145
Additive Effects of Obesity, Hypertension, and Type 2 Diabetes on Insulin Resistance, 695
Analysis of the Genetic Contamination of Salt-Sensitive Dahl/Rapp Rats, 255
Association of Salt Sensitivity in Rats With Genes of the Major Histocompatibility Complex, 645
Augmented Arterial Pressure Responses to Cyclosporine in Spontaneously Hypertensive Rats: Role of Cytochrome P-450 3A, 480
Autonomic Responses of Women With Parental Hypertension: Effects of Physical Activity and Fitness, 576
Effect of a Nonselective Endothelin Antagonist on Vascular Remodeling in Deoxycorticosterone Acetate–Salt Hypertensive Rats: Evidence for a Role of Endothelin in Vascular Hypertrophy, 183
Effects of Aging on Blood Pressure Variability in Resting Conditions, 120
Exercise Blood Pressure Predicts Cardiovascular Mortality in Middle-aged Men, 56
Genetic and Environmental Influences on Blood Pressure in Elderly Twins, 663
How Should Diastolic Blood Pressure Be Defined During Pregnancy? 234
Interrelation Between Renin mRNA Levels, Renin Secretion, and Blood Pressure in Two-Kidney, One Clip Rats, 157
Modification of Pressure Natriuresis by Long-term Losartan in Spontaneously Hypertensive Rats, 467
Racial Differences in the Age-Related Increase in Left Ventricular Mass in Youths, 747
Rise of Blood Pressure With Age: New Evidence of Population Differences, 779
Role of Metabotropic Glutamate Receptors in Ventrolateral Medulla of Hypertensive Rats, 648
Vanadyl Sulfate Lowers Plasma Insulin and Blood Pressure in Spontaneously Hypertensive Rats, 625

Blood pressure determination
How Should Diastolic Blood Pressure Be Defined During Pregnancy? 234

Blood pressure measurement
Systematic Difference Between Blood Pressure Readings Caused by Cuff Type, 786

Blood pressure monitoring, ambulatory
Ambulatory Blood Pressure: An Independent Predictor of Prognosis in Essential Hypertension, 793
Insulin Resistance, Insulin, Proinsulin, and Ambulatory Blood Pressure in Type II Diabetes, 362
Microalbuminuria in 411 Untreated Individuals With Established Hypertension, White Coat Hypertension, and Normotension, 101

Blood vessels
Differential Regulation of Vascular Angiotensin I–Converting Enzyme in Hypertension, 280

Body mass index
Rise of Blood Pressure With Age: New Evidence of Population Differences, 779

Bradykinin
Hypertension Induced by a Nonpressor Dose of Angiotensin II in Kininogen-Deficient Rats, 111

C

Calcitriol
In Vivo Effect of Calcitriol on Calcium Transport and Calcium Binding Proteins in the Spontaneously Hypertensive Rat, 176
Calcium
Calcium Current in Smooth Muscle Cells From Normotensive and Genetically Hypertensive Rats, 739
Effects of Treppe and Calcium on Intracellular Calcium and Function in the Failing Heart From the Spontaneously Hypertensive Rat, 347
Calcium binding proteins
In Vivo Effect of Calcitriol on Calcium Transport and Calcium Binding Proteins in the Spontaneously Hypertensive Rat, 176
Calcium channel blockers
Acute and Chronic Calcium Antagonist Treatment Elevates Sympathetic Activity in Primary Hypertension, 287
Antihypertensive Effect of Amlodipine and Lack of Interference With Cyclosporine Metabolism in Renal Transplant Recipients, 297
Delayed Development of Hypertension After Short-term Nitrendipine Treatment, 131
Effect of Nifedipine on Coronary Capillary Geometry in Normotensive and Hypertensive Rats, 205
Metoclopramide Stimulates Kaliuresis During Felodipine Without Affecting Its Natriuresis, 633
Renal Effects of Nifedipine and Captopril in Patients With Essential Hypertension and Reduced Renal Reserve, 763
Calcium channels
Effects of Pioglitazone on Calcium Channels in Vascular Smooth Muscle, 170
Reduced Sodium-Proton Exchange Activity in Lymphocytes From Transgenic Rats, 357
Calcium, dietary
High Calcium Diet Prevents Baroreflex Impairment in Salt-Loaded Spontaneously Hypertensive Rats, 83
Calmodulin
In Vivo Effect of Calcitriol on Calcium Transport and Calcium Binding Proteins in the Spontaneously Hypertensive Rat, 176
Captopril
Effect of Captopril and Enalapril on Endothelial Function in Hypertensive Patients, 499
Cardiac output
Differential Regional Hemodynamic Effects of Corticotropin in Conscious Sheep, 49
Hemodynamic Predictors of Incident Hypertension: The Framingham Heart Study, 585
Carotid sinus
Chronic Administration of Aldosterone Depresses Baroreceptor Reflex Function in the Dog, 571
Carrier proteins
Hypertension Increases Insulin-like Growth Factor Binding Protein-4 mRNA Levels in Rat Aorta, 679
Catecholamines
Modulatory Effects of Endogenous Adenosine on Epinephrine Secretion From the Adrenal Medulla of the Rat, 714
Cell adhesion
Impaired Leukocyte–Endothelial Cell Interaction in Spontaneously Hypertensive Rats, 719
Cell line
Potassium Inhibits Free Radical Formation, 77
Central nervous system
High Calcium Diet Prevents Baroreflex Impairment in Salt-Loaded Spontaneously Hypertensive Rats, 83
Lesions in Rostral Ventromedial or Rostral Ventrolateral Medulla Block Neurogenic Hypertension, 91
Central venous pressure
Differential Regional Hemodynamic Effects of Corticotropin in Conscious Sheep, 49
Cerebral artery
Calcium Current in Smooth Muscle Cells From Normotensive and Genetically Hypertensive Rats, 739
Cerebrospinal fluid
Endothelin-1 in Cerebrospinal Fluid in Elderly Patients With Hypertension and Dementia, 97
Chromatography
Natriuretic Peptides in the Human Kidney, 758
Circadian rhythm
Diurnal Blood Pressure Variation and Dietary Salt in Spontaneously Hypertensive Rats, 1
Clonidine
Alcohol Abolishes the Hypotensive Effect of Clonidine in Spontaneously Hypertensive Rats, 802
Cloning, molecular
Cloning of the α-Subunit of G_s Protein From Spontaneously Hypertensive Rats, 595
Cold pressor test
Coronary Artery Constriction Caused by the Cold Pressor Test in Human Hypertension, 212
Collagen
Increased Cardiac Types I and III Collagen mRNAs in Aldosterone-Salt Hypertension, 30
Coronary arteries
Coronary Artery Constriction Caused by the Cold Pressor Test in Human Hypertension, 212
Corticosterone
Augmented Arterial Pressure Responses to Cyclosporine in Spontaneously Hypertensive Rats: Role of Cytochrome P-450 3A, 480
Converting Enzyme Inhibition and Renal Tissue Angiotensin II in the Rat, 516
Cyclosporine
Antihypertensive Effect of Amlodipine and Lack of Interference With Cyclosporine Metabolism in Renal Transplant Recipients, 297
Augmented Arterial Pressure Responses to Cyclosporine in Spontaneously Hypertensive Rats: Role of Cytochrome P-450 3A, 480

D

Dementia, multi-infarct
Endothelin-1 in Cerebrospinal Fluid in Elderly Patients With Hypertension and Dementia, 97
Diabetes mellitus, non–insulin-dependent
Additive Effects of Obesity, Hypertension, and Type 2 Diabetes on Insulin Resistance, 695
Insulin Resistance, Insulin, Proinsulin, and Ambulatory Blood Pressure in Type II Diabetes, 362
Diet
Refeeding Hypertension in Obese Spontaneously Hypertensive Rats, 699
Renal Hemodynamics in Essential Hypertension: Racial Differences in Response to Changes in Dietary Sodium, 752
Dogs
Chronic Administration of Aldosterone Depresses Baroreceptor Reflex Function in the Dog, 571
Doxazosin
Lipids and Lipoproteins During Antihypertensive Drug Therapy: Comparison of Doxazosin and Atenolol in a Randomized, Double-Blind Trial: The Alpha Beta Canada Study, 241
Drug synergism
Endogenous Angiotensin II Enhances Phenylephrine-Induced Tone in Hypertensive Rats, 317

E

Echocardiography
Ambulatory Blood Pressure: An Independent Predictor of Prognosis in Essential Hypertension, 793
Hemodynamic Predictors of Incident Hypertension: The Framingham Heart Study, 585
Editorials
Hypertension Means High Blood Pressure, 250
New Drug Development and the Health Care Crisis, 529
Enalapril
Agonist-Induced Phosphorylation of the Vascular Type 1 Angiotensin II Receptor, 523
Effect of Captopril and Enalapril on Endothelial Function in Hypertensive Patients, 499

Effects of Antihypertensive Agents on Baroreceptor Function in Early Hypertensive Rats, 808

Endothelins
Endothelin-1 in Cerebrospinal Fluid in Elderly Patients With Hypertension and Dementia, 97
Phosphoramidon-Sensitive Conversion of Big Endothelin-1 and Degradation of Endothelin-1 in Rat Kidney, 227

Endothelium
Alterations in Flow-Dependent Vasomotor Tone in Spontaneously Hypertensive Rats, 474
Delayed Development of Hypertension After Short-term Nitrendipine Treatment, 131
Differential Regulation of Natriuretic Peptide Receptor Activity in Vascular Cells, 329
Effect of a Nonselective Endothelin Antagonist on Vascular Remodeling in Deoxycorticosterone Acetate–Salt Hypertensive Rats: Evidence for a Role of Endothelin in Vascular Hypertrophy, 183
In Vitro Perfusion Studies of Human Resistance Artery Function in Essential Hypertension, 16
Inhibitory Effect of Ammonium Chloride on Acetylcholine-Induced Relaxation, 189
Potassium Inhibits Free Radical Formation, 77

Endothelium-derived relaxing factors
Effect of Captopril and Enalapril on Endothelial Function in Hypertensive Patients, 499
Nitric Oxide Increases Renal Blood Flow by Interacting With the Sympathetic Nervous System, 220
Spontaneously Hypertensive Versus Control Rat Aorta Response to Neutrophil-Derived Factors, 728

Environment
Genetic and Environmental Influences on Blood Pressure in Elderly Twins, 663

Enzyme inhibitors
Phosphoramidon-Sensitive Conversion of Big Endothelin-1 and Degradation of Endothelin-1 in Rat Kidney, 227

Epidemiology
Hemodynamic Predictors of Incident Hypertension: The Framingham Heart Study, 585
Systematic Difference Between Blood Pressure Readings Caused by Cuff Type, 786

Epinephrine
Acute and Chronic Calcium Antagonist Treatment Elevates Sympathetic Activity in Primary Hypertension, 287

Erythropoietin
Effect of Isobaric Hyperoxemia on Erythropoietin Secretion in Hypertensive Patients, 486

Evolution
Adaptation, Allometry, and Hypertension, 145

Exercise
Autonomic Responses of Women With Parental Hypertension: Effects of Physical Activity and Fitness, 576

Exercise test
Exercise Blood Pressure Predicts Cardiovascular Mortality in Middle-aged Men, 56

Extracellular matrix
Role of Angiotensin II in Renal Injury of Deoxycorticosterone Acetate–Salt Hypertensive Rats, 195

F

Fasting
Refeeding Hypertension in Obese Spontaneously Hypertensive Rats, 699

Felodipine
Acute and Chronic Calcium Antagonist Treatment Elevates Sympathetic Activity in Primary Hypertension, 287
Metoclopramide Stimulates Kaliuresis During Felodipine Without Affecting Its Natriuresis, 633

Fibrosis
Increased Cardiac Types I and III Collagen mRNAs in Aldosterone-Salt Hypertension, 30

Forearm
Effect of Captopril and Enalapril on Endothelial Function in Hypertensive Patients, 499
Effects of Insulin on Vascular Responses to Mental Stress and Norepinephrine in Human Forearm, 686
Forearm Blood Flow Reserve and Cardiac and Renal Indexes of Pressure Load in Normotensive and Hypertensive Individuals, 24
Venous Distensibility During Pregnancy: Comparisons Between Normal Pregnancy and Preeclampsia, 461

Free radicals
Potassium Inhibits Free Radical Formation, 77

G

G proteins
Cloning of the α-Subunit of G_s Protein From Spontaneously Hypertensive Rats, 595

Gender
Inheritance of Salt-Dependent Hypertension in the Inbred Dahl Rat, 506

Gene expression
Na^+-H^+ Exchanger Expression in Vascular Smooth Muscle of Spontaneously Hypertensive and Wistar-Kyoto Rats, 734
Role of Angiotensin II in Renal Injury of Deoxycorticosterone Acetate–Salt Hypertensive Rats, 195

Genes
Angiotensinogen Gene in Human Hypertension: Lack of an Association of the 235T Allele Among African Americans, 591

Genetics
Analysis of the Genetic Contamination of Salt-Sensitive Dahl/Rapp Rats, 255
Angiotensin II Type 1 Receptor Gene Polymorphisms in Human Essential Hypertension, 63
Association of Salt Sensitivity in Rats With Genes of the Major Histocompatibility Complex, 645
Caveat Emptor, 251
Confirmation of Mutant α_1 Na,K-ATPase Gene and Transcript in Dahl Salt-Sensitive/JR Rats, 260
Genetic and Environmental Influences on Blood Pressure in Elderly Twins, 663
Inheritance of Salt-Dependent Hypertension in the Inbred Dahl Rat, 506

Genome
Inheritance of Salt-Dependent Hypertension in the Inbred Dahl Rat, 506

Glomerular filtration rate
Modification of Pressure Natriuresis by Long-term Losartan in Spontaneously Hypertensive Rats, 467

Glucocorticoid
Impaired Leukocyte–Endothelial Cell Interaction in Spontaneously Hypertensive Rats, 719

Glucose
Additive Effects of Obesity, Hypertension, and Type 2 Diabetes on Insulin Resistance, 695

Growth
Adaptation, Allometry, and Hypertension, 145

H

Heart
Hypertension, Aging, and Myocardial Synthesis of Heat-Shock Protein 72, 620
Tissue-Specific Expression of Type 1 Angiotensin II Receptor Subtypes: An In Situ Hybridization Study, 531

Heart failure
β-Adrenergic Neuroeffector Mechanisms in Cardiac Hypertrophy of Renin Transgenic Rats, 653
Effects of Treppe and Calcium on Intracellular Calcium and Function in the Failing Heart From the Spontaneously Hypertensive Rat, 347

Heart hypertrophy
β-Adrenergic Neuroeffector Mechanisms in Cardiac Hypertrophy of Renin Transgenic Rats, 653
Effect of Nifedipine on Coronary Capillary Geometry in Normotensive and Hypertensive Rats, 205

Effects of Treppe and Calcium on Intracellular Calcium and Function in the Failing Heart From the Spontaneously Hypertensive Rat, 347
Increased Cardiac Types I and III Collagen mRNAs in Aldosterone-Salt Hypertension, 30
Vascular Hypertrophy in Renal Hypertensive Spontaneously Hypertensive Rats, 8

Heart rate
Angiotensin II Exerts Differential Actions on Renal Nerve Activity and Heart Rate, 451
Cardiovascular Autonomic Modulation in Essential Hypertension: Effect of Tilting, 556

Heat-shock proteins
Hypertension, Aging, and Myocardial Synthesis of Heat-Shock Protein 72, 620

Hemodynamics
Effects of Insulin on Vascular Responses to Mental Stress and Norepinephrine in Human Forearm, 686
Hemodynamic Predictors of Incident Hypertension: The Framingham Heart Study, 585
Renal Ablation Acutely Transforms 'Benign' Hypertension to 'Malignant' Nephrosclerosis in Hypertensive Rats, 309
Renal Hemodynamics in Essential Hypertension: Racial Differences in Response to Changes in Dietary Sodium, 752

Heredity
Renal Hemodynamics in Essential Hypertension: Racial Differences in Response to Changes in Dietary Sodium, 752

Histamine
Impaired Leukocyte–Endothelial Cell Interaction in Spontaneously Hypertensive Rats, 719

Human studies
Venous Distensibility During Pregnancy: Comparisons Between Normal Pregnancy and Preeclampsia, 461

Hydralazine
Modulatory Effects of Endogenous Adenosine on Epinephrine Secretion From the Adrenal Medulla of the Rat, 714

Hyperfiltration
Renal Hemodynamics in Essential Hypertension: Racial Differences in Response to Changes in Dietary Sodium, 752

Hyperinsulinemia
Vanadyl Sulfate Lowers Plasma Insulin and Blood Pressure in Spontaneously Hypertensive Rats, 625

Hyperplasia
Role of the Renin-Angiotensin System in Neointima Formation After Injury in Rabbits, 671

Hypertension, borderline
Dyslipoproteinemic Changes in Borderline Hypertension, 605

Hypertension, essential
Ambulatory Blood Pressure: An Independent Predictor of Prognosis in Essential Hypertension, 793
Angiotensin II Type 1 Receptor Gene Polymorphisms in Human Essential Hypertension, 63
Angiotensinogen Gene in Human Hypertension: Lack of an Association of the 235T Allele Among African Americans, 591
Cardiovascular Autonomic Modulation in Essential Hypertension: Effect of Tilting, 556
Coronary Artery Constriction Caused by the Cold Pressor Test in Human Hypertension, 212
Effect of Captopril and Enalapril on Endothelial Function in Hypertensive Patients, 499
Effect of Isobaric Hyperoxemia on Erythropoietin Secretion in Hypertensive Patients, 486
Forearm Blood Flow Reserve and Cardiac and Renal Indexes of Pressure Load in Normotensive and Hypertensive Individuals, 24
Hemodynamic Predictors of Incident Hypertension: The Framingham Heart Study, 585
Hypertension Increases Insulin-like Growth Factor Binding Protein-4 mRNA Levels in Rat Aorta, 679
Hypertension, Aging, and Myocardial Synthesis of Heat-Shock Protein 72, 620
In Vitro Perfusion Studies of Human Resistance Artery Function in Essential Hypertension, 16
Microalbuminuria in 411 Untreated Individuals With Established Hypertension, White Coat Hypertension, and Normotension, 101
Ouabain Is Not Detectable in Human Plasma, 549
Renal Effects of Nifedipine and Captopril in Patients With Essential Hypertension and Reduced Renal Reserve, 763
Renal Hemodynamics in Essential Hypertension: Racial Differences in Response to Changes in Dietary Sodium, 752
Systematic Difference Between Blood Pressure Readings Caused by Cuff Type, 786

Hypertension, experimental
Hypertension Induced by a Nonpressor Dose of Angiotensin II in Kininogen-Deficient Rats, 111
Increased Cardiac Types I and III Collagen mRNAs in Aldosterone-Salt Hypertension, 30
Lesions in Rostral Ventromedial or Rostral Ventrolateral Medulla Block Neurogenic Hypertension, 91

Hypertension, genetic
β-Adrenergic Neuroeffector Mechanisms in Cardiac Hypertrophy of Renin Transgenic Rats, 653
Analysis of the Genetic Contamination of Salt-Sensitive Dahl/Rapp Rats, 255
Autonomic Responses of Women With Parental Hypertension: Effects of Physical Activity and Fitness, 576
Calcium Current in Smooth Muscle Cells From Normotensive and Genetically Hypertensive Rats, 739
Caveat Emptor, 251
Cloning of the α-Subunit of G_s Protein From Spontaneously Hypertensive Rats, 595
Differential Regulation of Vascular Angiotensin I–Converting Enzyme in Hypertension, 280
Renal Apical Membrane Sodium-Hydrogen Exchange in Genetic Salt-Sensitive Hypertension, 491

Hypertension, Goldblatt
Antihypertensive Effect of Pioglitazone Is Not Invariably Associated With Increased Insulin Sensitivity, 106
Vascular Hypertrophy in Renal Hypertensive Spontaneously Hypertensive Rats, 8

Hypertension, malignant
Renal Ablation Acutely Transforms 'Benign' Hypertension to 'Malignant' Nephrosclerosis in Hypertensive Rats, 309

Hypertension, mineralocorticoid
Effect of a Nonselective Endothelin Antagonist on Vascular Remodeling in Deoxycorticosterone Acetate–Salt Hypertensive Rats: Evidence for a Role of Endothelin in Vascular Hypertrophy, 183
Impaired Cardiovascular Reflexes Precede Deoxycorticosterone Acetate–Salt Hypertension, 564

Hypertension, pathology
Early Narrowed Afferent Arteriole Is a Contributor to the Development of Hypertension, 301

Hypertension, pregnancy-induced
Venous Distensibility During Pregnancy: Comparisons Between Normal Pregnancy and Preeclampsia, 461

Hypertension, primary
Acute and Chronic Calcium Antagonist Treatment Elevates Sympathetic Activity in Primary Hypertension, 287

Hypertension, renovascular
Interrelation Between Renin mRNA Levels, Renin Secretion, and Blood Pressure in Two-Kidney, One Clip Rats, 157

Hypertension, sodium-dependent
Confirmation of Mutant α_1 Na,K-ATPase Gene and Transcript in Dahl Salt-Sensitive/JR Rats, 260

Hypertension, spontaneous
Alterations in Flow-Dependent Vasomotor Tone in Spontaneously Hypertensive Rats, 474
Association of Salt Sensitivity in Rats With Genes of the Major Histocompatibility Complex, 645
Na^+-H^+ Exchanger Expression in Vascular Smooth Muscle of Spontaneously Hypertensive and Wistar-Kyoto Rats, 734
Spontaneously Hypertensive Versus Control Rat Aorta Response to Neutrophil-Derived Factors, 728
Vanadyl Sulfate Lowers Plasma Insulin and Blood Pressure in Spontaneously Hypertensive Rats, 625

Hypertension, stress-related
Effects of Insulin on Vascular Responses to Mental Stress and Norepinephrine in Human Forearm, 686
Hypertension, systemic
Effects of Atrial Natriuretic Peptide on Left Ventricular Function in Hypertension, 271
Effects of Insulin on Vascular Responses to Mental Stress and Norepinephrine in Human Forearm, 686
Hypertension, white coat
Microalbuminuria in 411 Untreated Individuals With Established Hypertension, White Coat Hypertension, and Normotension, 101
Hypertrophy
Delayed Development of Hypertension After Short-term Nitrendipine Treatment, 131
Effect of a Nonselective Endothelin Antagonist on Vascular Remodeling in Deoxycorticosterone Acetate–Salt Hypertensive Rats: Evidence for a Role of Endothelin in Vascular Hypertrophy, 183
Hypertrophy, left ventricular
Ambulatory Blood Pressure: An Independent Predictor of Prognosis in Essential Hypertension, 793

I

Immunocytochemistry
Natriuretic Peptides in the Human Kidney, 758
In Memoriam
Charles Eric Hall: 1916-1994, 249
In situ hybridization
Tissue-Specific Expression of Type 1 Angiotensin II Receptor Subtypes: An In Situ Hybridization Study, 531
Insulin
Additive Effects of Obesity, Hypertension, and Type 2 Diabetes on Insulin Resistance, 695
Effects of Insulin on Vascular Responses to Mental Stress and Norepinephrine in Human Forearm, 686
Effects of Pioglitazone on Calcium Channels in Vascular Smooth Muscle, 170
Insulin Resistance, Insulin, Proinsulin, and Ambulatory Blood Pressure in Type II Diabetes, 362
Insulin-like growth factor I
Hypertension Increases Insulin-like Growth Factor Binding Protein-4 mRNA Levels in Rat Aorta, 679
Insulin resistance
Additive Effects of Obesity, Hypertension, and Type 2 Diabetes on Insulin Resistance, 695
Antihypertensive Effect of Pioglitazone Is Not Invariably Associated With Increased Insulin Sensitivity, 106
Ion channels
Inhibitory Effect of Ammonium Chloride on Acetylcholine-Induced Relaxation, 189
Ion exchange
Na^+-H^+ Exchanger Expression in Vascular Smooth Muscle of Spontaneously Hypertensive and Wistar-Kyoto Rats, 734
Reduced Sodium-Proton Exchange Activity in Lymphocytes From Transgenic Rats, 357
Renal Apical Membrane Sodium-Hydrogen Exchange in Genetic Salt-Sensitive Hypertension, 491

K

K2 analysis
How Should Diastolic Blood Pressure Be Defined During Pregnancy? 234
Kaliuresis
Metoclopramide Stimulates Kaliuresis During Felodipine Without Affecting Its Natriuresis, 633
Kallikrein
Long-term Infusion of Kallikrein Attenuates Renal Injury in Dahl Salt-Sensitive Rats, 770
Kallikrein-kinin system
Long-term Infusion of Kallikrein Attenuates Renal Injury in Dahl Salt-Sensitive Rats, 770
Kidney
Adaptation, Allometry, and Hypertension, 145
Augmented Arterial Pressure Responses to Cyclosporine in Spontaneously Hypertensive Rats: Role of Cytochrome P-450 3A, 480
Early Narrowed Afferent Arteriole Is a Contributor to the Development of Hypertension, 301
Natriuretic Peptides in the Human Kidney, 758
Phosphoramidon-Sensitive Conversion of Big Endothelin-1 and Degradation of Endothelin-1 in Rat Kidney, 227
Renal Effects of Nifedipine and Captopril in Patients With Essential Hypertension and Reduced Renal Reserve, 763
Tissue-Specific Expression of Type 1 Angiotensin II Receptor Subtypes: An In Situ Hybridization Study, 531
Kidney failure
Renal Hemodynamics in Essential Hypertension: Racial Differences in Response to Changes in Dietary Sodium, 752
Kininase II
Cardiac Renin and Angiotensins: Uptake From Plasma Versus In Situ Synthesis, 37
Local Renin-Angiotensin System in the Microcirculation of Spontaneously Hypertensive Rats, 70
Kininogens
Hypertension Induced by a Nonpressor Dose of Angiotensin II in Kininogen-Deficient Rats, 111

L

Left ventricular mass
Racial Differences in the Age-Related Increase in Left Ventricular Mass in Youths, 747
Letters to the Editor
Do Putative Endogenous Digitalis-like Factors Have a Physiological Role? 640
Does the Kidney Play a Role in the Sexual Dimorphism of Blood Pressure in SHR? 368
Importance of Appropriate Spectral Methodology to Assess Heart Rate Variability in the Frequency Domain, 140
Is White Coat Hypertension Innocent? 816
Local Cardiac Renin-Angiotensin System and Hypertensive Heart Disease, 816
New Drug Development and the Health Care Crisis, 529
Relation of Pulse Pressure and Blood Pressure Reduction to the Incidence of Myocardial Infarction, 368
Lipase
Dyslipoproteinemic Changes in Borderline Hypertension, 605
Lipids
Lipids and Lipoproteins During Antihypertensive Drug Therapy: Comparison of Doxazosin and Atenolol in a Randomized, Double-Blind Trial: The Alpha Beta Canada Study, 241
Lipoprotein lipase
Dyslipoproteinemic Changes in Borderline Hypertension, 605
Lipoproteins
Dyslipoproteinemic Changes in Borderline Hypertension, 605
Lipoproteins, HDL
Dyslipoproteinemic Changes in Borderline Hypertension, 605
Liver
Tissue-Specific Expression of Type 1 Angiotensin II Receptor Subtypes: An In Situ Hybridization Study, 531
Losartan
Angiotensin II Exerts Differential Actions on Renal Nerve Activity and Heart Rate, 451
Lower body negative pressure
Insulin Blunts Sympathetic Vasoconstriction Through the α_2-Adrenergic Pathway in Humans, 429
Lymphocytes
Reduced Sodium-Proton Exchange Activity in Lymphocytes From Transgenic Rats, 357

M

Macrophages
Potassium Inhibits Free Radical Formation, 77
Major histocompatibility complex
Association of Salt Sensitivity in Rats With Genes of the Major Histocompatibility Complex, 645

Mass screening
Systematic Difference Between Blood Pressure Readings Caused by Cuff Type, 786
Medulla oblongata
Lesions in Rostral Ventromedial or Rostral Ventrolateral Medulla Block Neurogenic Hypertension, 91
Role of Metabotropic Glutamate Receptors in Ventrolateral Medulla of Hypertensive Rats, 648
Mesenteric arteries
Alterations in Flow-Dependent Vasomotor Tone in Spontaneously Hypertensive Rats, 474
Metalloproteinases
Phosphoramidon-Sensitive Conversion of Big Endothelin-1 and Degradation of Endothelin-1 in Rat Kidney, 227
Metoclopramide
Metoclopramide Stimulates Kaliuresis During Felodipine Without Affecting Its Natriuresis, 633
Metoprolol
Osmotic Release Oral Drug Delivery System of Metoprolol in Hypertensive Asthmatic Patients: Pharmacodynamic Effects on β_2-Adrenergic Receptors, 339
Microcirculation
Effect of Nifedipine on Coronary Capillary Geometry in Normotensive and Hypertensive Rats, 205
Impaired Leukocyte–Endothelial Cell Interaction in Spontaneously Hypertensive Rats, 719
Local Renin-Angiotensin System in the Microcirculation of Spontaneously Hypertensive Rats, 70
β_2-Microglobulin
Renal Effects of Nifedipine and Captopril in Patients With Essential Hypertension and Reduced Renal Reserve, 763
Mifepristone
Impaired Leukocyte–Endothelial Cell Interaction in Spontaneously Hypertensive Rats, 719
Monocytes
Potassium Inhibits Free Radical Formation, 77
Morbidity
Ambulatory Blood Pressure: An Independent Predictor of Prognosis in Essential Hypertension, 793
Mortality
Ambulatory Blood Pressure: An Independent Predictor of Prognosis in Essential Hypertension, 793
Exercise Blood Pressure Predicts Cardiovascular Mortality in Middle-aged Men, 56
Muscle, cardiac
Effects of Treppe and Calcium on Intracellular Calcium and Function in the Failing Heart From the Spontaneously Hypertensive Rat, 347
Muscle, smooth, skeletal
Osmotic Release Oral Drug Delivery System of Metoprolol in Hypertensive Asthmatic Patients: Pharmacodynamic Effects on β_2-Adrenergic Receptors, 339
Muscle, smooth, vascular
Differential Regulation of Natriuretic Peptide Receptor Activity in Vascular Cells, 329
Effects of Pioglitazone on Calcium Channels in Vascular Smooth Muscle, 170
Endogenous Angiotensin II Enhances Phenylephrine-Induced Tone in Hypertensive Rats, 317
Evidence of Abnormalities in Corticosteroid Secretion Leading to Volume-Dependent Hypertension in Milan Rats, 512
Mechanism of Vasoconstriction Induced by Chronic Inhibition of Nitric Oxide in Rats, 322
Na^+-H^+ Exchanger Expression in Vascular Smooth Muscle of Spontaneously Hypertensive and Wistar-Kyoto Rats, 734
Tyrosine Kinase Inhibition Prevents Deformation-Stimulated Vascular Smooth Muscle Growth, 706
Vascular Hypertrophy in Renal Hypertensive Spontaneously Hypertensive Rats, 8
Mutation
Confirmation of Mutant α_1 Na,K-ATPase Gene and Transcript in Dahl Salt-Sensitive/JR Rats, 260
Myocardial infarction
Exercise Blood Pressure Predicts Cardiovascular Mortality in Middle-aged Men, 56

N

Na^+,K^+-transporting ATPase
Chronic Administration of Aldosterone Depresses Baroreceptor Reflex Function in the Dog, 571
Confirmation of Mutant α_1 Na,K-ATPase Gene and Transcript in Dahl Salt-Sensitive/JR Rats, 260
Insulin Blunts Sympathetic Vasoconstriction Through the α_2-Adrenergic Pathway in Humans, 429
Natriuresis
Metoclopramide Stimulates Kaliuresis During Felodipine Without Affecting Its Natriuresis, 633
Natriuretic peptides
Natriuretic Peptides in the Human Kidney, 758
Neovascularization
Effect of Nifedipine on Coronary Capillary Geometry in Normotensive and Hypertensive Rats, 205
Nephrectomy
Renal Ablation Acutely Transforms 'Benign' Hypertension to 'Malignant' Nephrosclerosis in Hypertensive Rats, 309
Nephrosclerosis
Renal Ablation Acutely Transforms 'Benign' Hypertension to 'Malignant' Nephrosclerosis in Hypertensive Rats, 309
Neuropeptide Y
Acute and Chronic Calcium Antagonist Treatment Elevates Sympathetic Activity in Primary Hypertension, 287
Neutrophils
Spontaneously Hypertensive Versus Control Rat Aorta Response to Neutrophil-Derived Factors, 728
Nicardipine
Effects of Antihypertensive Agents on Baroreceptor Function in Early Hypertensive Rats, 808
Short-term Effects of Angiotensin II Blockade on Renal Blood Flow and Sympathetic Activity in Awake Rats, 445
Nicotine
Augmented Responses to Intrathecal Nicotinic Agonists in Spontaneous Hypertension, 611
Nitrendipine
Delayed Development of Hypertension After Short-term Nitrendipine Treatment, 131
Nitric oxide
Alterations in Flow-Dependent Vasomotor Tone in Spontaneously Hypertensive Rats, 474
Is Nitric Oxide Involved in the Tonic Inhibition of Central Sympathetic Outflow in Humans? 439
Mechanism of Vasoconstriction Induced by Chronic Inhibition of Nitric Oxide in Rats, 322
Nitric Oxide Increases Renal Blood Flow by Interacting With the Sympathetic Nervous System, 220
Nitroprusside
In Vitro Perfusion Studies of Human Resistance Artery Function in Essential Hypertension, 16
Norepinephrine
Acute and Chronic Calcium Antagonist Treatment Elevates Sympathetic Activity in Primary Hypertension, 287
Delayed Development of Hypertension After Short-term Nitrendipine Treatment, 131
Effects of Angiotensin II and Angiotensin-(1-7) on the Release of [^{3}H]Norepinephrine From Rat Atria, 457
Effects of Insulin on Vascular Responses to Mental Stress and Norepinephrine in Human Forearm, 686
In Vitro Perfusion Studies of Human Resistance Artery Function in Essential Hypertension, 16
Insulin Blunts Sympathetic Vasoconstriction Through the α_2-Adrenergic Pathway in Humans, 429

O

Obesity
Additive Effects of Obesity, Hypertension, and Type 2 Diabetes on Insulin Resistance, 695

Systematic Difference Between Blood Pressure Readings Caused by Cuff Type, 786
Ouabain
Chronic Administration of Aldosterone Depresses Baroreceptor Reflex Function in the Dog, 571
Insulin Blunts Sympathetic Vasoconstriction Through the α_2-Adrenergic Pathway in Humans, 429
Ouabain Is Not Detectable in Human Plasma, 549
Oxygen
Effect of Isobaric Hyperoxemia on Erythropoietin Secretion in Hypertensive Patients, 486

P

Perfusion
In Vitro Perfusion Studies of Human Resistance Artery Function in Essential Hypertension, 16
Pharmacokinetics
Antihypertensive Effect of Amlodipine and Lack of Interference With Cyclosporine Metabolism in Renal Transplant Recipients, 297
Phenotype
Early Narrowed Afferent Arteriole Is a Contributor to the Development of Hypertension, 301
Phenylephrine
Endogenous Angiotensin II Enhances Phenylephrine-Induced Tone in Hypertensive Rats, 317
Pheochromocytoma
Clinical Studies on the Sites of Production and Clearance of Circulating Adrenomedullin in Human Subjects, 600
Phosphorylation
Evidence of Abnormalities in Corticosteroid Secretion Leading to Volume-Dependent Hypertension in Milan Rats, 512
Tyrosine Kinase Inhibition Prevents Deformation-Stimulated Vascular Smooth Muscle Growth, 706
Physical fitness
Autonomic Responses of Women With Parental Hypertension: Effects of Physical Activity and Fitness, 576
Pituitary gland
Tissue-Specific Expression of Type 1 Angiotensin II Receptor Subtypes: An In Situ Hybridization Study, 531
Plasma volume
Converting Enzyme Inhibition and Renal Tissue Angiotensin II in the Rat, 516
Plethysmography
Venous Distensibility During Pregnancy: Comparisons Between Normal Pregnancy and Preeclampsia, 461
Polymerase chain reaction
Confirmation of Mutant α_1 Na,K-ATPase Gene and Transcript in Dahl Salt-Sensitive/JR Rats, 260
Differential Regulation of Vascular Angiotensin I–Converting Enzyme in Hypertension, 280
Tissular Expression and Regulation of Type 1 Angiotensin II Receptor Subtypes by Quantitative Reverse Transcriptase–Polymerase Chain Reaction Analysis, 538
Polyploidy
Vascular Hypertrophy in Renal Hypertensive Spontaneously Hypertensive Rats, 8
Population
Rise of Blood Pressure With Age: New Evidence of Population Differences, 779
Potassium
Potassium Inhibits Free Radical Formation, 77
Rise of Blood Pressure With Age: New Evidence of Population Differences, 779
Pregnancy
How Should Diastolic Blood Pressure Be Defined During Pregnancy? 234
Pressoreceptors
Angiotensin II Exerts Differential Actions on Renal Nerve Activity and Heart Rate, 451
Chronic Administration of Aldosterone Depresses Baroreceptor Reflex Function in the Dog, 571
High Calcium Diet Prevents Baroreflex Impairment in Salt-Loaded Spontaneously Hypertensive Rats, 83
Impaired Cardiovascular Reflexes Precede Deoxycorticosterone Acetate–Salt Hypertension, 564
Short-term Effects of Angiotensin II Blockade on Renal Blood Flow and Sympathetic Activity in Awake Rats, 445
Primates
Ciprokiren (Ro 44-9375): A Renin Inhibitor With Increasing Effects on Chronic Treatment, 163
Prognosis
Ambulatory Blood Pressure: An Independent Predictor of Prognosis in Essential Hypertension, 793
Proinsulin
Insulin Resistance, Insulin, Proinsulin, and Ambulatory Blood Pressure in Type II Diabetes, 362
Prostaglandins
Inhibitory Effect of Ammonium Chloride on Acetylcholine-Induced Relaxation, 189
Long-term Infusion of Kallikrein Attenuates Renal Injury in Dahl Salt-Sensitive Rats, 770
Protein kinases
Differential Regulation of Natriuretic Peptide Receptor Activity in Vascular Cells, 329
Protein-tyrosine kinase
Tyrosine Kinase Inhibition Prevents Deformation-Stimulated Vascular Smooth Muscle Growth, 706
Proto-oncogenes
Tyrosine Kinase Inhibition Prevents Deformation-Stimulated Vascular Smooth Muscle Growth, 706
Proton concentration
Inhibitory Effect of Ammonium Chloride on Acetylcholine-Induced Relaxation, 189
Pulmonary circulation
Clinical Studies on the Sites of Production and Clearance of Circulating Adrenomedullin in Human Subjects, 600

R

Race
Renal Hemodynamics in Essential Hypertension: Racial Differences in Response to Changes in Dietary Sodium, 752
Racial differences
Racial Differences in the Age-Related Increase in Left Ventricular Mass in Youths, 747
Radioimmunoassay
Natriuretic Peptides in the Human Kidney, 758
Ramipril
Agonist-Induced Phosphorylation of the Vascular Type 1 Angiotensin II Receptor, 523
Rats
Lesions in Rostral Ventromedial or Rostral Ventrolateral Medulla Block Neurogenic Hypertension, 91
Tissue-Specific Expression of Type 1 Angiotensin II Receptor Subtypes: An In Situ Hybridization Study, 531
Rats, inbred Dahl
Long-term Infusion of Kallikrein Attenuates Renal Injury in Dahl Salt-Sensitive Rats, 770
Rats, inbred SHR
Alcohol Abolishes the Hypotensive Effect of Clonidine in Spontaneously Hypertensive Rats, 802
Augmented Arterial Pressure Responses to Cyclosporine in Spontaneously Hypertensive Rats: Role of Cytochrome P-450 3A, 480
Augmented Responses to Intrathecal Nicotinic Agonists in Spontaneous Hypertension, 611
Calcium Current in Smooth Muscle Cells From Normotensive and Genetically Hypertensive Rats, 739
Converting Enzyme Inhibition and Renal Tissue Angiotensin II in the Rat, 516
Delayed Development of Hypertension After Short-term Nitrendipine Treatment, 131
Diurnal Blood Pressure Variation and Dietary Salt in Spontaneously Hypertensive Rats, 1
Effect of Nifedipine on Coronary Capillary Geometry in Normotensive and Hypertensive Rats, 205
Effects of Antihypertensive Agents on Baroreceptor Function in Early Hypertensive Rats, 808

High Calcium Diet Prevents Baroreflex Impairment in Salt-Loaded Spontaneously Hypertensive Rats, 83
Impaired Cardiovascular Reflexes Precede Deoxycorticosterone Acetate–Salt Hypertension, 564
In Vivo Effect of Calcitriol on Calcium Transport and Calcium Binding Proteins in the Spontaneously Hypertensive Rat, 176
Refeeding Hypertension in Obese Spontaneously Hypertensive Rats, 699
Role of Metabotropic Glutamate Receptors in Ventrolateral Medulla of Hypertensive Rats, 648
Spontaneously Hypertensive Versus Control Rat Aorta Response to Neutrophil-Derived Factors, 728
Vascular Hypertrophy in Renal Hypertensive Spontaneously Hypertensive Rats, 8

Rats, inbred SHR, stroke-prone
Differential Regulation of Vascular Angiotensin I–Converting Enzyme in Hypertension, 280

Rats, inbred strains
Adaptation, Allometry, and Hypertension, 145
Analysis of the Genetic Contamination of Salt-Sensitive Dahl/Rapp Rats, 255
Antihypertensive Effect of Pioglitazone Is Not Invariably Associated With Increased Insulin Sensitivity, 106
Caveat Emptor, 251
Early Narrowed Afferent Arteriole Is a Contributor to the Development of Hypertension, 301
Inheritance of Salt-Dependent Hypertension in the Inbred Dahl Rat, 506
Renal Apical Membrane Sodium-Hydrogen Exchange in Genetic Salt-Sensitive Hypertension, 491

Rats, inbred WKY
Diurnal Blood Pressure Variation and Dietary Salt in Spontaneously Hypertensive Rats, 1

Rats, Sprague-Dawley
Inhibitory Effect of Ammonium Chloride on Acetylcholine-Induced Relaxation, 189

Rats, transgenic
β-Adrenergic Neuroeffector Mechanisms in Cardiac Hypertrophy of Renin Transgenic Rats, 653

Reactive oxygen species
Potassium Inhibits Free Radical Formation, 77

Receptors, adrenergic, beta
β-Adrenergic Neuroeffector Mechanisms in Cardiac Hypertrophy of Renin Transgenic Rats, 653
Osmotic Release Oral Drug Delivery System of Metoprolol in Hypertensive Asthmatic Patients: Pharmacodynamic Effects on β_2-Adrenergic Receptors, 339
Refeeding Hypertension in Obese Spontaneously Hypertensive Rats, 699

Receptors, angiotensin
Angiotensin II Exerts Differential Actions on Renal Nerve Activity and Heart Rate, 451
Angiotensin II Type 1 Receptor Gene Polymorphisms in Human Essential Hypertension, 63
Effects of Angiotensin II and Angiotensin-(1-7) on the Release of [^{3}H]Norepinephrine From Rat Atria, 457
Evidence of Abnormalities in Corticosteroid Secretion Leading to Volume-Dependent Hypertension in Milan Rats, 512
Role of Angiotensin II in Renal Injury of Deoxycorticosterone Acetate–Salt Hypertensive Rats, 195
Tissular Expression and Regulation of Type 1 Angiotensin II Receptor Subtypes by Quantitative Reverse Transcriptase–Polymerase Chain Reaction Analysis, 538

Receptors, cholinergic
Augmented Responses to Intrathecal Nicotinic Agonists in Spontaneous Hypertension, 611

Receptors, endothelin
Effect of a Nonselective Endothelin Antagonist on Vascular Remodeling in Deoxycorticosterone Acetate–Salt Hypertensive Rats: Evidence for a Role of Endothelin in Vascular Hypertrophy, 183

Receptors, glutamate
Role of Metabotropic Glutamate Receptors in Ventrolateral Medulla of Hypertensive Rats, 648

Receptors, natriuretic peptide
Differential Regulation of Natriuretic Peptide Receptor Activity in Vascular Cells, 329

Receptors, nicotinic
Augmented Responses to Intrathecal Nicotinic Agonists in Spontaneous Hypertension, 611

Receptors, serotonin
Impaired Cardiovascular Reflexes Precede Deoxycorticosterone Acetate–Salt Hypertension, 564

Renal circulation
Differential Regional Hemodynamic Effects of Corticotropin in Conscious Sheep, 49
Mechanism of Vasoconstriction Induced by Chronic Inhibition of Nitric Oxide in Rats, 322
Nitric Oxide Increases Renal Blood Flow by Interacting With the Sympathetic Nervous System, 220
Short-term Effects of Angiotensin II Blockade on Renal Blood Flow and Sympathetic Activity in Awake Rats, 445

Renin
Agonist-Induced Phosphorylation of the Vascular Type 1 Angiotensin II Receptor, 523
Cardiac Renin and Angiotensins: Uptake From Plasma Versus In Situ Synthesis, 37
Ciprokiren (Ro 44-9375): A Renin Inhibitor With Increasing Effects on Chronic Treatment, 163
Interrelation Between Renin mRNA Levels, Renin Secretion, and Blood Pressure in Two-Kidney, One Clip Rats, 157
Local Renin-Angiotensin System in the Microcirculation of Spontaneously Hypertensive Rats, 70

Renin-angiotensin system
β-Adrenergic Neuroeffector Mechanisms in Cardiac Hypertrophy of Renin Transgenic Rats, 653
Angiotensin II Type 1 Receptor Gene Polymorphisms in Human Essential Hypertension, 63
Cardiac Renin and Angiotensins: Uptake From Plasma Versus In Situ Synthesis, 37
Ciprokiren (Ro 44-9375): A Renin Inhibitor With Increasing Effects on Chronic Treatment, 163
Endogenous Angiotensin II Enhances Phenylephrine-Induced Tone in Hypertensive Rats, 317
Local Renin-Angiotensin System in the Microcirculation of Spontaneously Hypertensive Rats, 70
Long-term Infusion of Kallikrein Attenuates Renal Injury in Dahl Salt-Sensitive Rats, 770
Modulatory Effects of Endogenous Adenosine on Epinephrine Secretion From the Adrenal Medulla of the Rat, 714

Reproducibility of results
Systematic Difference Between Blood Pressure Readings Caused by Cuff Type, 786

Resistance arteries
Effect of a Nonselective Endothelin Antagonist on Vascular Remodeling in Deoxycorticosterone Acetate–Salt Hypertensive Rats: Evidence for a Role of Endothelin in Vascular Hypertrophy, 183

Retinol-binding proteins
Renal Effects of Nifedipine and Captopril in Patients With Essential Hypertension and Reduced Renal Reserve, 763

Reverse transcriptase
Tissular Expression and Regulation of Type 1 Angiotensin II Receptor Subtypes by Quantitative Reverse Transcriptase–Polymerase Chain Reaction Analysis, 538

RNA, messenger
Hypertension Increases Insulin-like Growth Factor Binding Protein-4 mRNA Levels in Rat Aorta, 679
Interrelation Between Renin mRNA Levels, Renin Secretion, and Blood Pressure in Two-Kidney, One Clip Rats, 157
Tissular Expression and Regulation of Type 1 Angiotensin II Receptor Subtypes by Quantitative Reverse Transcriptase–Polymerase Chain Reaction Analysis, 538

S

Salt
Association of Salt Sensitivity in Rats With Genes of the Major Histocompatibility Complex, 645

Diurnal Blood Pressure Variation and Dietary Salt in Spontaneously Hypertensive Rats, 1
Selection (genetics)
Adaptation, Allometry, and Hypertension, 145
Sex differences
Racial Differences in the Age-Related Increase in Left Ventricular Mass in Youths, 747
Sheep
Differential Regional Hemodynamic Effects of Corticotropin in Conscious Sheep, 49
Sodium
High Calcium Diet Prevents Baroreflex Impairment in Salt-Loaded Spontaneously Hypertensive Rats, 83
Hypertension Induced by a Nonpressor Dose of Angiotensin II in Kininogen-Deficient Rats, 111
Modification of Pressure Natriuresis by Long-term Losartan in Spontaneously Hypertensive Rats, 467
Ouabain Is Not Detectable in Human Plasma, 549
Renal Hemodynamics in Essential Hypertension: Racial Differences in Response to Changes in Dietary Sodium, 752
Rise of Blood Pressure With Age: New Evidence of Population Differences, 779
Sodium excretion
Racial Differences in the Age-Related Increase in Left Ventricular Mass in Youths, 747
Somatomedins
Hypertension Increases Insulin-like Growth Factor Binding Protein-4 mRNA Levels in Rat Aorta, 679
Spectrum analysis
Cardiovascular Autonomic Modulation in Essential Hypertension: Effect of Tilting, 556
Spironolactone
Chronic Administration of Aldosterone Depresses Baroreceptor Reflex Function in the Dog, 571
Hypertension Induced by a Nonpressor Dose of Angiotensin II in Kininogen-Deficient Rats, 111
Splanchnic circulation
Differential Regional Hemodynamic Effects of Corticotropin in Conscious Sheep, 49
Steroid 11-hydroxylase
Converting Enzyme Inhibition and Renal Tissue Angiotensin II in the Rat, 516
Stress, psychological
Acute and Chronic Calcium Antagonist Treatment Elevates Sympathetic Activity in Primary Hypertension, 287
Effects of Insulin on Vascular Responses to Mental Stress and Norepinephrine in Human Forearm, 686
Superoxide
Inhibitory Effect of Ammonium Chloride on Acetylcholine-Induced Relaxation, 189
Potassium Inhibits Free Radical Formation, 77
Sympathetic nervous system
Angiotensin II Exerts Differential Actions on Renal Nerve Activity and Heart Rate, 451
Coronary Artery Constriction Caused by the Cold Pressor Test in Human Hypertension, 212
High Calcium Diet Prevents Baroreflex Impairment in Salt-Loaded Spontaneously Hypertensive Rats, 83
Impaired Cardiovascular Reflexes Precede Deoxycorticosterone Acetate–Salt Hypertension, 564
Is Nitric Oxide Involved in the Tonic Inhibition of Central Sympathetic Outflow in Humans? 439
Nitric Oxide Increases Renal Blood Flow by Interacting With the Sympathetic Nervous System, 220
Role of Metabotropic Glutamate Receptors in Ventrolateral Medulla of Hypertensive Rats, 648
Short-term Effects of Angiotensin II Blockade on Renal Blood Flow and Sympathetic Activity in Awake Rats, 445

T

Telemetry
Diurnal Blood Pressure Variation and Dietary Salt in Spontaneously Hypertensive Rats, 1
Thiazoles
Effects of Pioglitazone on Calcium Channels in Vascular Smooth Muscle, 170
Transforming growth factor beta
Role of Angiotensin II in Renal Injury of Deoxycorticosterone Acetate–Salt Hypertensive Rats, 195
Transplantation
Antihypertensive Effect of Amlodipine and Lack of Interference With Cyclosporine Metabolism in Renal Transplant Recipients, 297
Trichlormethiazide
Effects of Antihypertensive Agents on Baroreceptor Function in Early Hypertensive Rats, 808
Twins, reared apart
Genetic and Environmental Influences on Blood Pressure in Elderly Twins, 663

V

Vanadate
Vanadyl Sulfate Lowers Plasma Insulin and Blood Pressure in Spontaneously Hypertensive Rats, 625
Vascular resistance
Delayed Development of Hypertension After Short-term Nitrendipine Treatment, 131
In Vitro Perfusion Studies of Human Resistance Artery Function in Essential Hypertension, 16
Insulin Blunts Sympathetic Vasoconstriction Through the α_2-Adrenergic Pathway in Humans, 429
Vascular Hypertrophy in Renal Hypertensive Spontaneously Hypertensive Rats, 8
Vasoconstriction
Mechanism of Vasoconstriction Induced by Chronic Inhibition of Nitric Oxide in Rats, 322
Phosphoramidon-Sensitive Conversion of Big Endothelin-1 and Degradation of Endothelin-1 in Rat Kidney, 227
Vasodilation
Alterations in Flow-Dependent Vasomotor Tone in Spontaneously Hypertensive Rats, 474
Vasomotor system
Coronary Artery Constriction Caused by the Cold Pressor Test in Human Hypertension, 212
Ventricular function
Effects of Atrial Natriuretic Peptide on Left Ventricular Function in Hypertension, 271
Venules
Impaired Leukocyte–Endothelial Cell Interaction in Spontaneously Hypertensive Rats, 719

W

Weight gain
Refeeding Hypertension in Obese Spontaneously Hypertensive Rats, 699
Wideband external pulse recording
How Should Diastolic Blood Pressure Be Defined During Pregnancy? 234